



Commonwealth Of Massachusetts
Department of Telecommunications and Energy



Ninth Green Power Marketing Conference

Ronald F. LeComte

Director, Electric Power Division

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- Electric Restructuring Act of 1997
 - Authorizes a Renewable Portfolio Standard
 - Establishes Massachusetts Renewable Energy Trust
 - Funded by Renewable Energy Charge to Electric Customers
 - Administered by the Massachusetts Technology Park Corporation
 - Promote Renewable Energy Development



- Renewable Portfolio Standard
 - Established by the Massachusetts Division of Energy Resources
 - Minimum purchase requirements
 - Regulations Effective April 2003
 - 225 C.M.R. 14.00
 - Resources that qualify include solar, wind, ocean (thermal, wave and tidal), fuel cells (using renewable fuels), land-fill gas, and low-emission biomass



Renewable Portfolio Standards

- As a percent of sales, renewable energy percentages increase from one percent in 2003 to four percent in 2009 and increase at one percent per year unless directed by Massachusetts DOER
- Estimated annual energy from new renewable sources increases from 450 GWh in 2003 to 1968 GWh in 2009
- Alternative Compliance Path established



- Renewable Energy Charge
 - A per KWh charge on customer's bill
 - Customers of electric companies and municipalities that participate in competitive marketplace
 - Currently at 0.05 cents
 - Approximately 38 cents per month for typical residential bill
- Estimated to generate approximately \$240 million through 2004



- Renewable Energy Trust
 - Funding programs that provides grants and loans for renewable energy projects
 - Waste-to-energy
 - Green schools, buildings, and power
 - Research and outreach
 - Solar, wind, and ocean technologies
 - Education and public awareness



- State Renewable Energy Tax Incentives
 - Income tax credit
 - Sales tax credit
 - Local property tax exemption
 - Corporate income tax deduction
 - Hydropower property tax exemption
 - Alternative energy patent deduction



- Company Sponsored Programs
 - Massachusetts Electric Company
 - Green Up Renewable Energy Options (2003)
 - For Standard Offer and Default Service Customers
 - Allows customers to choose all or part of their generation requirements from renewable sources
 - NStar Electric
 - Green Power Program
 - Program under redesign



- Renewable Energy Information Disclosure
 - MA DTE restructuring regulations require generation information disclosure
 - Fuel, emissions, and labor characteristics
 - NEPOOL Generator Information System
 - Adopted by MA DTE (2004)
 - D.T.E. 03-62-A



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- Resources
 - Department of Telecommunications and Energy
 - <http://www.mass.gov/dte>
 - Division of Energy Resources
 - <http://www.mass.gov/doer>
 - Massachusetts Technology Collaborative
 - <http://www.mtpc.org>
 - Division of Revenue
 - <http://www.dor.state.ma.us>, 800-392-6089
 - NEPOOL GIS
 - <http://www.nepoolgis.com>



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GO RED SOX

